

AUTOMATIC BOOKKEEPING SYSTEMABSTRACT

An automatic bookkeeping system comprises: a user interface, comprising a plurality of bookkeeping data editing interface allowing user to input, revise and delete useful bookkeeping data; a bookkeeping database, comprising a plurality of bookkeeping data files to record bookkeeping data; a chart and statement generating module provided with formats and definitions of a plurality of bookkeeping related chart and statement to automatically obtain needed data from said bookkeeping database and to generate bookkeeping related charts and statements using the obtained data according to format and definitions of particular chart or statement; a data file connection module to automatically connect a unit of input data to related bookkeeping data files according to features of said unit of input data to generate one or more unit of bookkeeping data; and an inference module, provided with a plurality of financial inference rules, to obtain data from said bookkeeping database and to operate according to particular inference rules using the obtained data. Charts and statements generated by the automatic bookkeeping system include: journal, ledger, income statement, balance sheet and other financial statements.